

PUBLIC NOTICE

APPLICANT: TDOT

505 Deaderick Street
Suite 900 James K Polk Bldg.
Nashville, TN 37243-0339
(615) 253-2477

PERMIT APPLICATION: NRS #06.163

LOCATION:

I-275 Interchanges for Baxter, Oldham, and Heiskell Avenues
Site Lat.35.9928° Long. -83.9515°
Knoxville, Knox County

WATERSHED DESCRIPTION: The project is located in the Tennessee- Watts Bar Lake (HUC 06010201) watershed. Three streams, Second Creek and two unnamed tributaries to Second Creek, flow along this alignment. Stream 1, an unnamed tributary to Second Creek begins near the off-ramp to Heiskell Avenue, flows south on a soil substrate within the right of way to Second Creek. This stream is to remain unaffected by this project. Stream 2, Second Creek, flows on bedrock substrate south alongside I-275 meandering under the interstate in two locations along this alignment.

Stream 3 flows from a concrete pipe on soil and gravel substrate northeast under I-275 near Baxter Avenue into an existing 200ft- 42" concrete pipe. At the outfall of this pipe, the stream flows overland creating a wetland, approximately 1.5 acres in size. The wetland will remain unaffected by this project.

Land use surrounding the project is urban, residential and commercial. Second Creek has been assessed as impaired for *E. coli*, nitrates, and loss of habitat due to siltation. A contact advisory is in place on this stream. USGS Topo Quad: Knoxville, TN (147-NW).

PROJECT DESCRIPTION: This application is for aquatic resource alterations along a 2.107-mile segment of I-275 including replacing the cloverleaf off ramps at Baxter, Oldham, and Heiskell Avenues with diamond shaped ramps.

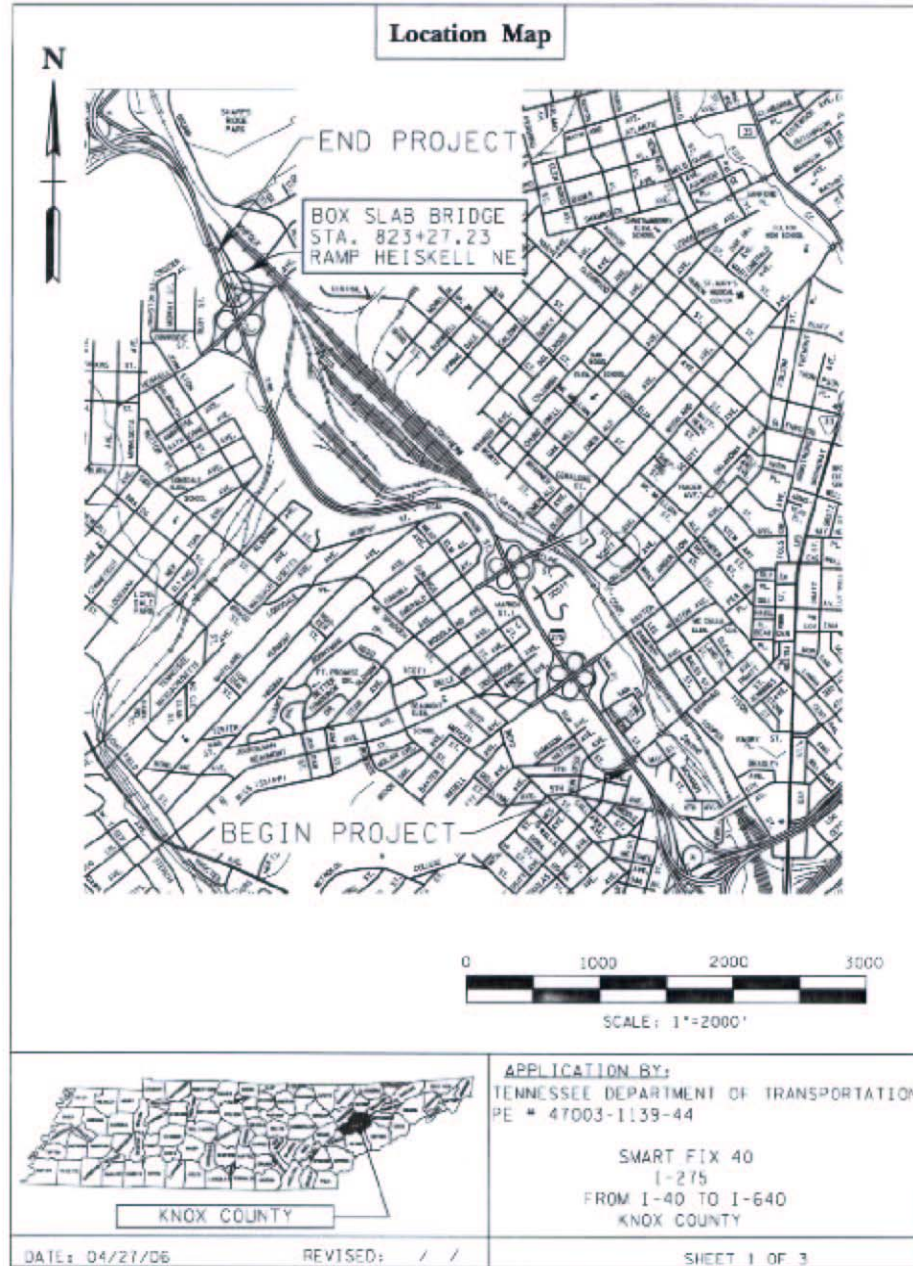
Proposed for Stream 2, Second Creek, Station 823+27.23 is a 128 ft extension of the existing 156 ft - 3-barrel slab bridge, total encapsulation of 284ft. Of this 128 ft extension, 49ft is to be added downstream and 79 ft is to be added upstream of the on ramp from Heiskell Avenue to I-275 North. For the 49 ft extension plus the existing 156 ft of culverting, a payment of \$41,000 to the In Lieu Fee Program is proposed as mitigation. This extension is to have a 57 ft wing wall and 25 ft U-shaped wing wall. Proposed mitigation for the wingwall is \$8,600 to the In Lieu Fee Program. The 79 ft segment is between existing box slab bridges with retaining walls on both banks to be removed during construction. Mitigation is proposed as \$3,940 to the In Lieu Fee Program. Total proposed mitigation for alterations to Second Creek is \$53,540.

Proposed for Stream 3, Station 123, upstream of I-275, is a 60 ft extension of the existing 200ft -42" concrete pipe. Proposed mitigation for alterations to Stream 3 is payment of \$12,000 to the In Lieu Fee Program.

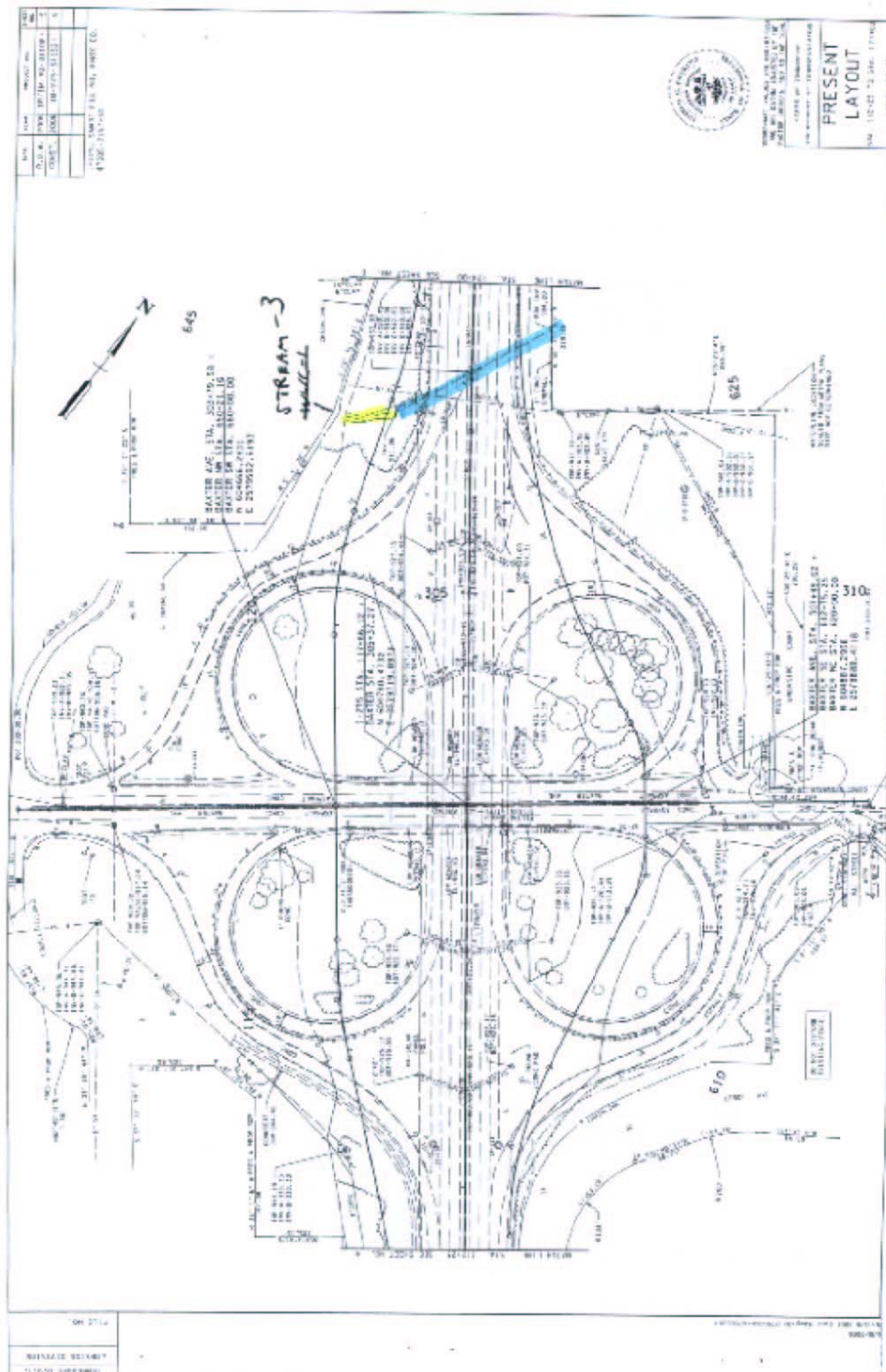
Total proposed mitigation for stream impacts on this project is \$65,540 to the Tennessee Stream Mitigation Program

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the Division has determined that the proposed activity will not result in degradation to the streams described above.

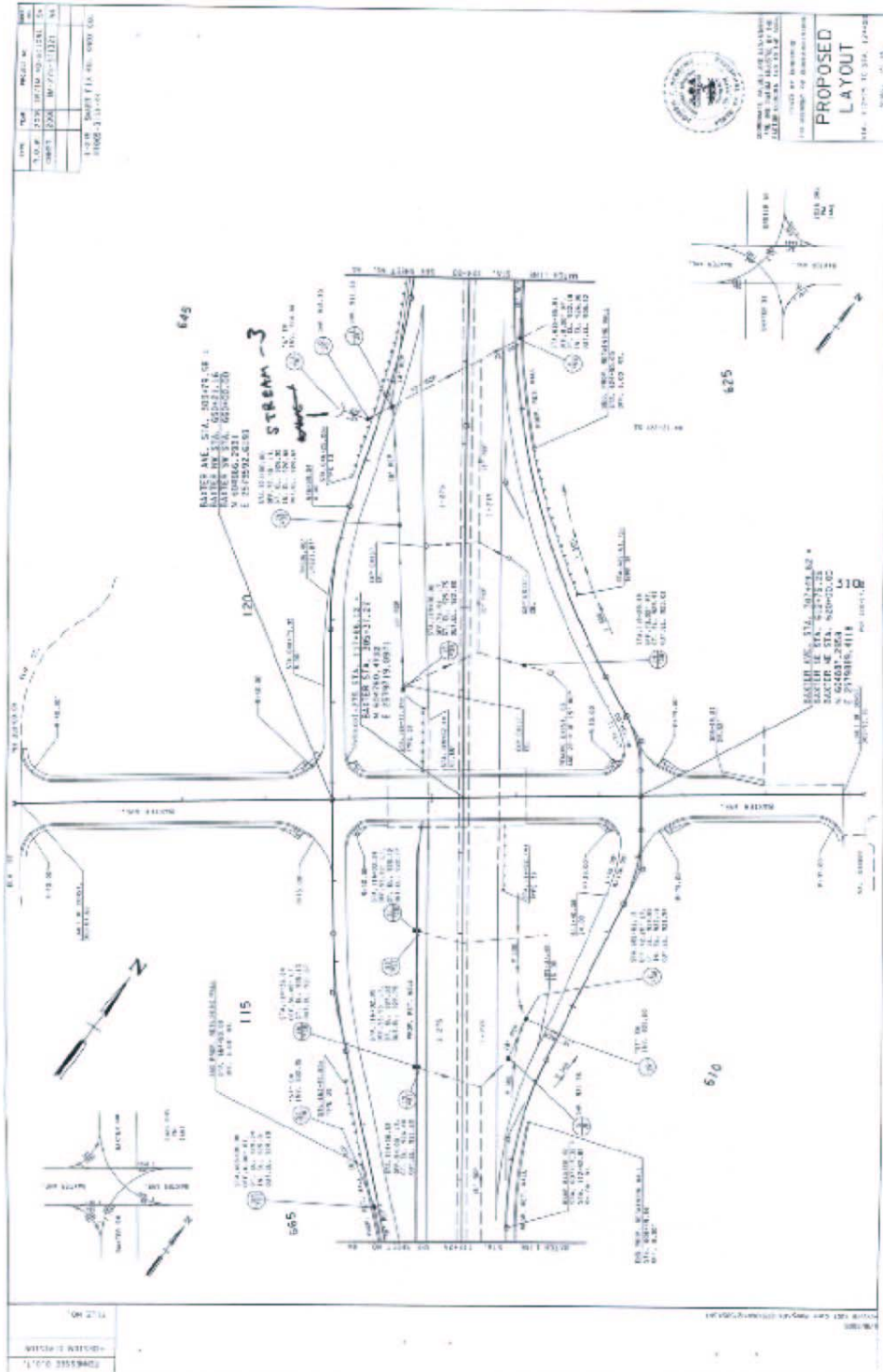
PERMIT COORDINATOR: Judy Manners

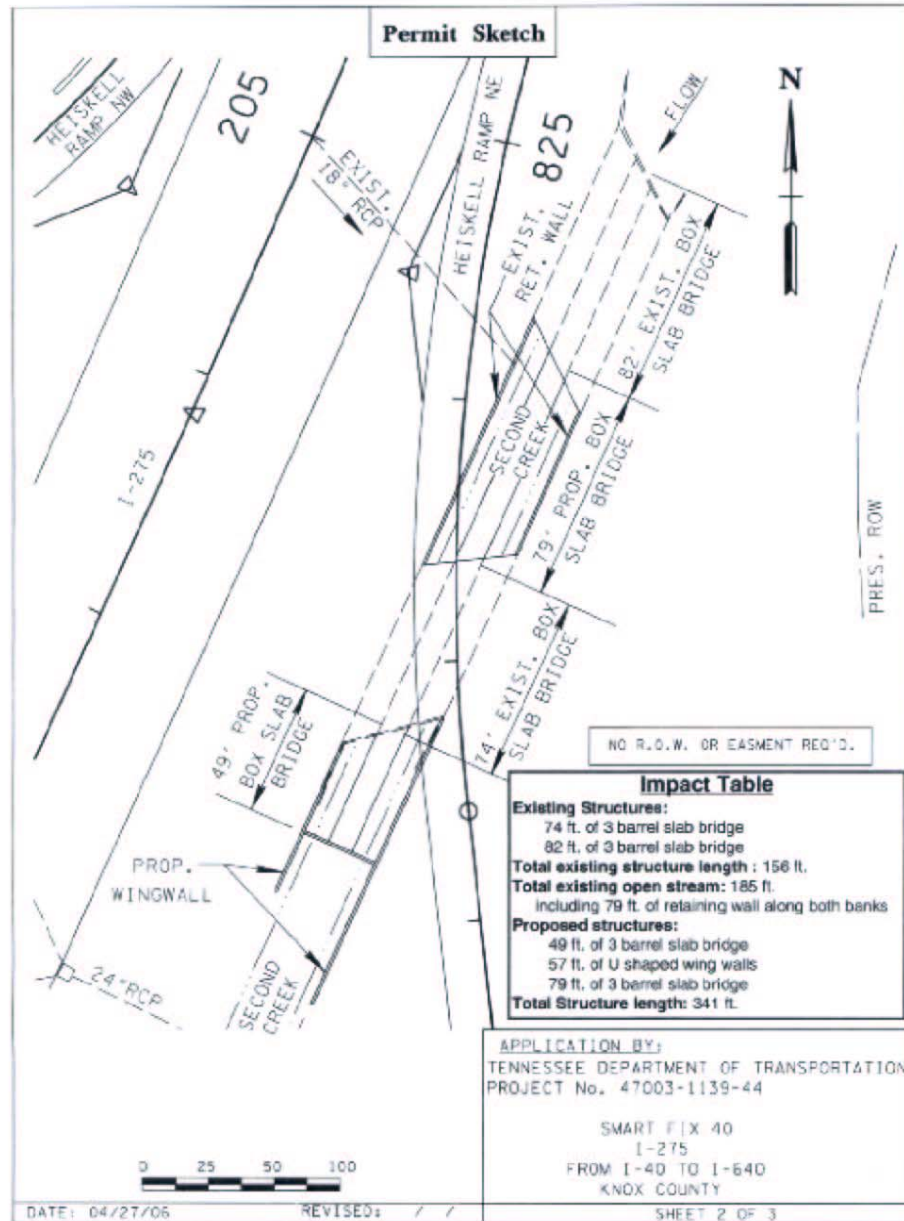
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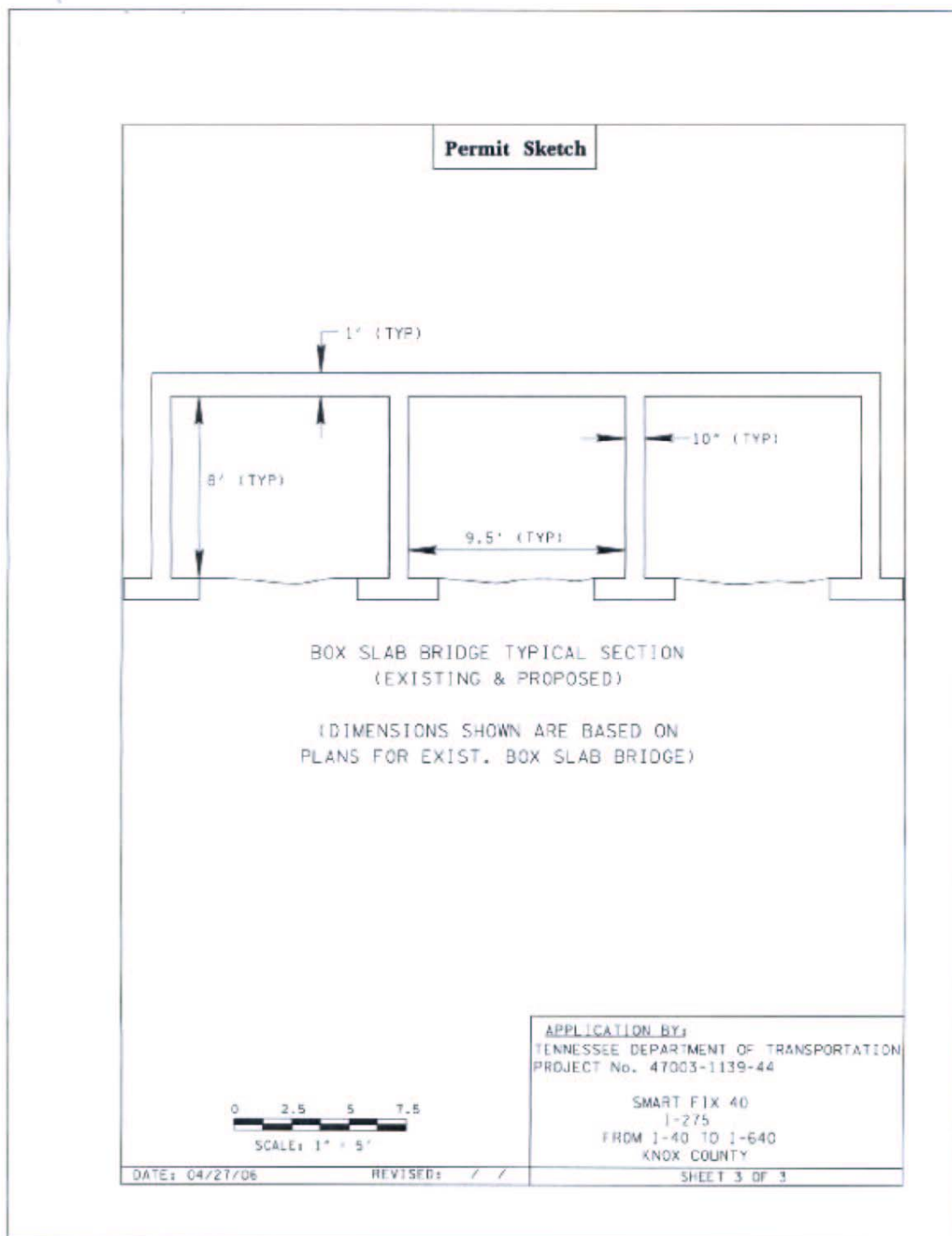
PLANS:



Gen 27:14







PHOTOS:



Photo 1: Second Creek



Photo 2: Stream 3 upstream from I-275



Photo 3: Wetland at outfall of Stream 3, downstream of I-275